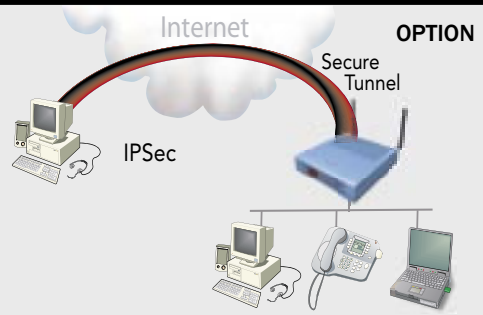
ADSL Modem Firewall Router

SurfinBird®
IX78
INTERNET GATE

For the advanced user and offices up to 50 people

All the functions and features needed and more:
- Easy installation and maintenance •
- Display and front panel keys • Auto login and keep-alive •
- Email notification • Dynamics DNS client •
- Quality of service • Network monitoring •

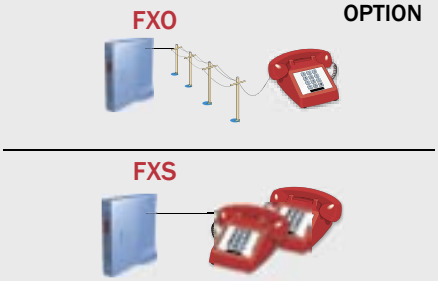


OPTION

VPN GATEWAY
Secure encrypted tunnels over the Internet

OPTION

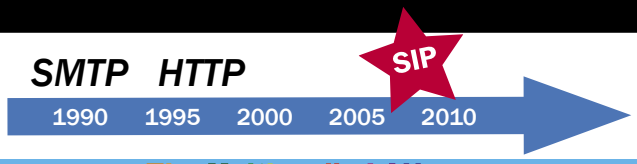
WIRELESS 802.11 b/g
Wireless LAN! IX78 an access point



OPTION

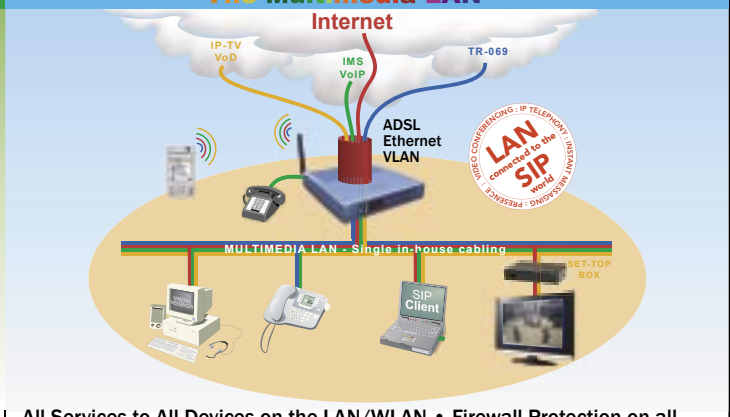
TELEPHONE PORTS
For SIP IP telephony

***SIP Support* for IP Telephony and Live IP Communication. The next step of Internet usage!**



Intertex Bringing SIP to the LAN

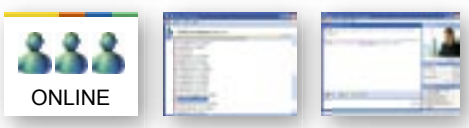
The Multimedia LAN



SIP does not traverse conventional firewalls and NAT routers! The IX78 has a built-in SIP proxy and registrar that dynamically controls the firewall and NAT for full SIP support.

All Services to All Devices on the LAN/WLAN • Firewall Protection on all PVCs / VLANs • Full QoS on the Multimedia LAN • SIP Communication via all VCs • IP-TV • Video On Demand (RTSP Proxy)

***Optional SIP Server:* Be part of the open community. Global voice, video, presence and instant messaging for free!**



IX78 – *The Most Complete Broadband CPE/IAD!*

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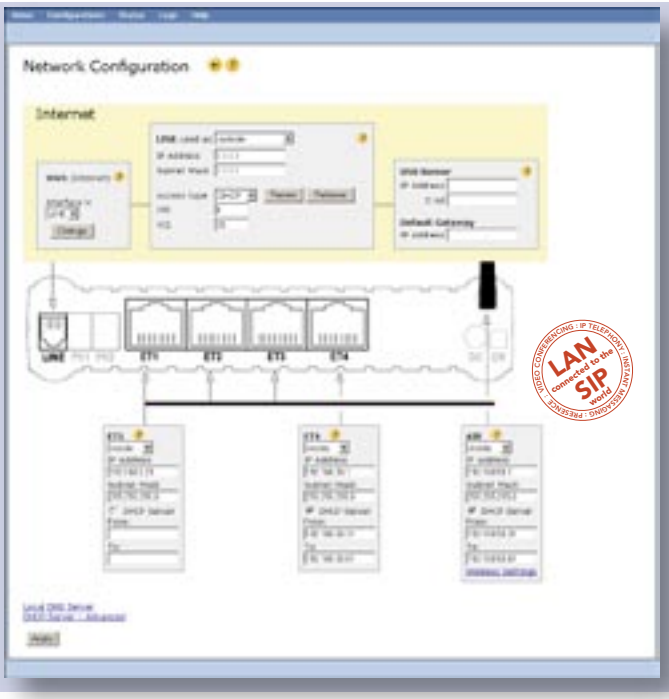
IX78 – The Most Complete Broadband CPE/IAD!

ROUTER

The router in the IX78 connects your PC and other networked equipment to the Internet. You get your own Local Area Network (LAN).



Easy IP Address Handling
IP addresses are retrieved and distributed automatically via DHCP (or set manually). Only a single IP address is required from your operator, but the IX78 also supports additional public IP addresses on LAN.

Dynamic DNS Client
A dynamic DNS client allows servers on your IP connection to be accessed by an Internet name (URL) instead of an IP number, even if you have not received a fixed IP address from your provider.

Flexible Interface Usage
The Ethernet interfaces can be used as separate subnets or DMZ and the wireless can be bridged to the wired LAN. That makes it easy to form the secured and protected Local Area Network you want.

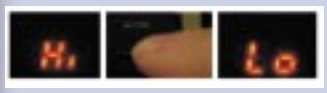
Network Status
The status of the PCs and IP telephones on your network is monitored and clearly displayed.

The IX78 user interface, accessed from your web browser, is highly appreciated for its clarity and ease of use and gives you the best overview and full control. Context sensitive help ? is available to guide you if required. IP networking made easy!

FIREWALL

The IX78 stateful packet inspection (SPI) and packet filtering firewall assures that your LAN stays private, secured and protected from malicious attacks via the Internet.

Preset Security Profiles
Three security profiles, Hi, Lo and Alternate are pre-configured and easily selected by a front panel key.



Click to Configure
You easily mark other applications that should be allowed through the firewall.

Advanced as Well
The advanced user can enter port or IP redirections and even edit the firewall rules using a powerful language.

Its 80 Mbps throughput allows more than 50 PCs to be connected. FTP proxy, virtual servers, VPN tunnels and pre-defined application support makes it flexible for all usage.

Adapter for IP Telephony (FXS)

Telephony is now offered over your broadband connection. The IX78 may include ports for connecting one or two conventional telephones for use with SIP based IP Telephony, without requiring the use of extra adaptor boxes (ATA). The IX78 adds advanced functions such as call waiting, 3-party calling, call transfer and caller ID. Contrary to most other broadband routers, additional SIP telephones and soft PC clients connected to the LAN can also be used with the IP telephony service.

ADSL 2+

The built-in ADSL modem works with all ADSL standards, including ADSL 2+ Annex A/B/C/M and T1.413. The ADSL 2+ standard enables connection speeds of up to 24 Mbps downstream and Annex M allows upstream speed up to 3 Mbps.

Triple Play

The IX78 can also be used in triple play scenarios with Internet, Telephony and Television over the broadband connection. In such scenarios, the IX78 routes all services into a common Multimedia LAN, where all services are available to all devices (e.g. PCs or mobile phones). SIP communication is handled both to the telephony connection and generally over the Internet.

WIRELESS 802.11b/g

The IX78 may include a built in high speed 802.11b/g Wireless Access Point.

VPN Gateway

The IX78 can be upgraded with VPN termination supporting IPSec with Certificate handling. There is hardware acceleration for DES, 3DES and AES encryption.

Provisioning

The IX78 supports both TR-069 and a simpler but yet very powerful and flexible provisioning method, allowing service providers to automatically configure the customer's units in mass deployments of broadband and IP telephony.

Gateway to the Traditional Telephone Network (FXO)

The IX78 may also include a port to the traditional telephone network, working as a gateway for SIP based IP telephony and the old telephone network. Use for emergency calls, IP telephony back-up and integration of your old telephony. Answer your old telephone and make local phone calls from your laptop when traveling!

SIP - The Next Large Usage of the Internet

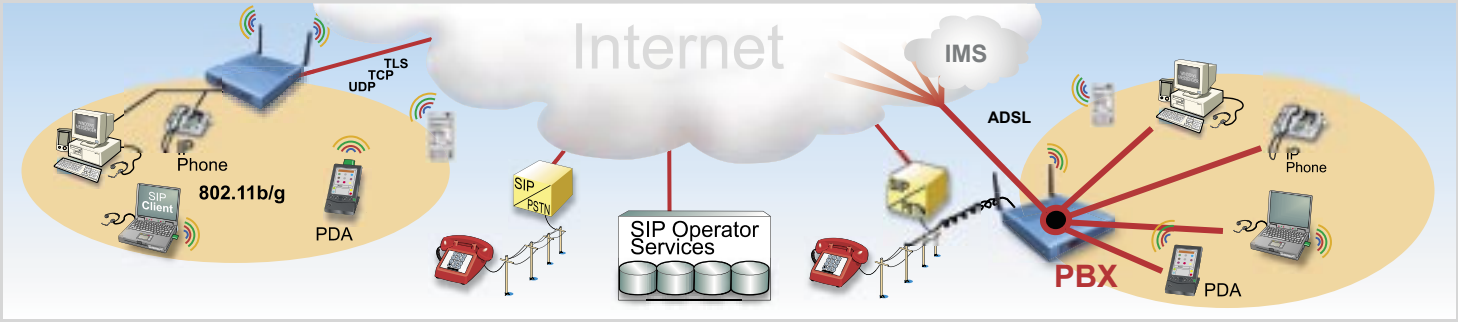
SIP Communication on Your LAN

Multimedia and Live person-to-person communication, such as voice, video, presence, instant messaging and more is expected to be the next large usage of the Internet after email and web surfing! SIP is the protocol for such applications, both when delivered via IMS or just over the Internet.

To use these applications generally your Firewall and NAT router must support SIP!

The SIP Switch – The Local IP PBX

The IX78 can also be upgraded with the SIP Switch, which includes a full SIP server and advanced SIP routing functions. It makes the IX78 your local PBX for soft SIP clients and SIP telephones, integrating them with each other, the SIP world and the traditional telephone network via gateways.

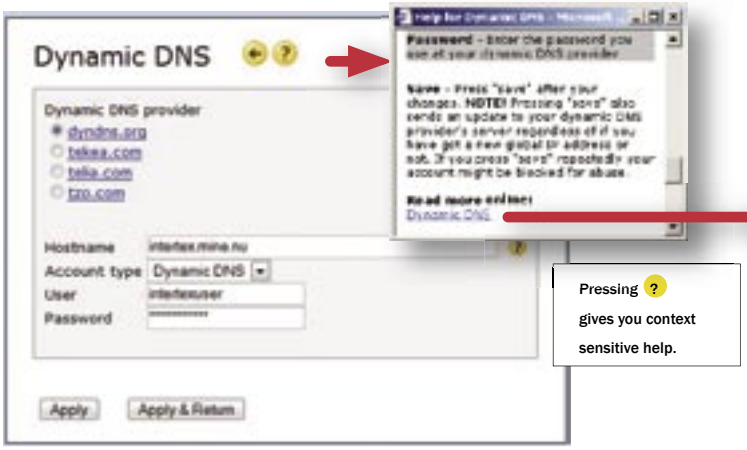


The Intertex broadband router is the first in the world to allow full SIP communication. It has a very general and well-proven SIP support by integrating a SIP proxy and a SIP registrar, dynamically controlling the NAT and firewall. Conventional firewalls and NAT routers cannot even be configured to handle SIP between a LAN and the Internet! More and more programs, applications, services and networks are based on SIP bringing Multimedia to everyone's desktop.

The SIP Switch streamlines the usage of email-like SIP addresses used by soft SIP clients and numbers used by SIP phones. It routes common phone calls to PSTN gateways, does ENUM look up, can forward calls and can fork incoming calls to several phones or to voice mail. You can also get your own local numbers, dial 0 (or 9) to reach the outside world and other functions familiar in the old telephony world. In addition you get a set of new features only available in the IP world.

Dynamic DNS Client

Context Help



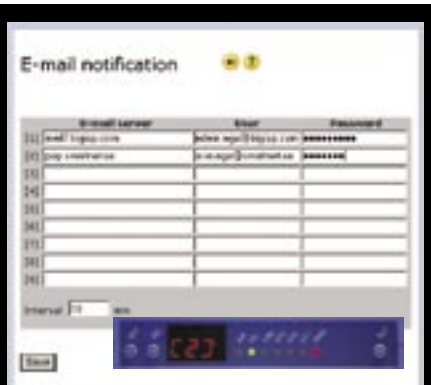
A dynamic DNS client allows your servers to be accessed by an Internet name (URL) instead of an IP number, even if you have not received a fixed IP address from your operator. It is very useful if you want to operate a WEB server or when using the IX78 as a SIP server.

Complete On-Line User Manual

A detailed, but yet easy to navigate on-line user manual provides assistance and the latest information. You reach the manual through the 🕮 button or the help window links in the IX78 web interface or via www.igmanual.com.

Email Notification

The IX78 can check up to nine email accounts and will notify you on the display when there is any email to fetch.



And Some of the Other Features...

- Upgradable – New firmware versions are free to download
- Additional functions and user licenses are bought on the web
- Easy setup - Basic functions like IP address can be changed using front panel keys and display
- Advanced Quality of Service functions, especially for voice
- Self-diagnostics – Communication problems are analysed and shown on the front panel display
- Syslog support
- SNTP client
- Local DNS server
- Remote configuration and CLI
- Management and provisoning
- System log, Firewall log and SIP log

Now even better!
IX78 successor of the IX66, IX67, and IX68, the best reviewed firewalls and ADSL modem routers.

http://www.adslguide.org.uk/hardware/reviews/2003/q3/intertex_ix66-airsip.asp

adslguide.org.uk
your guide to broadband internet

Jeremy Ainsworth, ADSLguide.org.uk wrote:
"The web based configuration interface is the most professionally designed and easy to use I have ever seen. Throughout the interface, you can click on question mark images for context sensitive help.
The entire setup process took me about 20 minutes from opening the box to being online."

"With all things taken into account, the IX66 is a 'must have' peripheral for any keen computer user."

http://www.intertex.se/upfiles/ReviewIX66_EXhardware02F.pdf

Terry Kok, EXHardware wrote:
"One thing's for sure, the IX66-edflc has more features and more customizable options than ANY other similar device we've seen, it's that amazing."

"The IX66 line from Intertex is truly a work of art, very highly recommended!"

"Conclusion"
"The Intertex IX66-edflc is perhaps one of the most unique products I have ever seen. Not only does it have lots of features such as a built-in firewall, router and ADSL modem but also manages to integrate all the functions very well and instead of having a separate box on your desktop for your modem, firewall and router, you can replace all of that with just the IX66-edflc."

Editor's Choice
EXHardware
www.exhardware.com

http://www.intertex.se/news/detail.asp?iNewsID=216

TECHWORLD
The UK's infrastructure & network knowledge centre

"Some products make VoIP easy. This one makes it powerful."
Peter Judge. Techworld

http://www.intertex.se/news/detail.asp?iNewsID=222

Dave Mitchell, TrustedReviews wrote:
"The price may be comparatively high but the integral SIP server does add a lot of value to the SurfinBird routers. As you'd expect, configuration will take a while but there's plenty of on-line documentation to help and the level of voice related features on offer from the IX68 is quite remarkable."

TrustedReviews.com TR RECOMMENDED

http://www.intertex.se/upfiles/PCW-test-reprint.pdf

Personal Computer World gives the Intertex router the highest grade (5 out of 5) and says:

"For the ultimate in small-business routers, however, the Intertex IX66+ is hard to beat."

"We've given a Recommended award to the Intertex IX66+ router, for small businesses looking for multi-user VoIP support."

RECOMMENDED
PERSONAL COMPUTER WORLD

IXCentral

IXCentral is the an independent user forum where the product is discussed by its users.

http://ix66.techarena.org/forum/

INTERTEX DATA AB

All products are developed in Sweden by Intertex Data AB. Intertex develops and markets communication and security products and has extensive experience of real-time and application programming as well as analog and digital hardware design.

The products represent the next generation of broadband access products, focusing on the SIP standard and Live person-to-person IP communication.

The company has been in the telecommunications business since 1982 and is consistently at the forefront of technology. Intertex has won several International awards for creative product design as well as business excellence.

pulver 100

The pulver 100 list includes private companies in the communications sector that have substantial real-world deployments and enjoy significant growth rates.

GULDMUSEN SVERIGES TYNGSTA IT-PRIS

Guldmusen - Sweden's most significant IT-prize. Intertex won this prize in 1998 and has been nominated several times.

2006 INTERNET TELEPHONY PRODUCT OF THE YEAR

Internet Telephony - "The Internet Gate is a clear leader in the security sector of the IP telephony industry. We're proud to reward their hard work and innovation with a Product of the Year Award for 2006"

THE EUROPEAN IST PRIZE WINNER

IST Prize - The European IST Prize is the most distinguished Prize for innovative products and services in the field of Information Society Technologies. Intertex won this prize in 2003 for the IX66 product.

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